

What is claimed is:

SUB A1

1. A portable golf computer comprising:

display means for displaying scenes representative of

the geographic layout of a golf course;

memory means for storing data representative of said

scenes for each hole on the golf course;

said data stored in said memory means including data

representative of three different views for each

hole, including: (i) the entirety of said hole,

(ii) the approach to a green associated with said

hole, and (iii) the green including said hole;

locator means for providing the processor means with the

current location of the portable computer on the

golf course; and

processor means, coupled to said display means and to

said memory means, for causing said display means

to display a selected view of the particular hole.

2. A portable golf computer as defined in claim 1, further comprising input means coupled to said processor means.

3. A portable golf computer as defined in claim 2, wherein said input means comprises a keyboard or keypad.

4. A portable golf computer as defined in claim 2, wherein said input means comprises a cursor pointing device.

5. A portable golf computer as defined in claim 2, wherein said input means includes means for inputting stroke data to said

computer.

6. A portable golf computer as defined in claim 2, wherein said input means includes means for inputting betting data to said computer.

5 7. A portable golf computer as defined in claim 2, wherein said input means includes means for inputting wind speed or direction to said computer.

8. A portable golf computer as defined in claim 2, wherein said input means includes means for inputting ambient temperature to
10 said computer.

9. A portable golf computer as defined in claim 1, wherein said display means comprises a flat-panel LCD display.

10. A portable golf computer as defined in claim 1, wherein said display means includes means for displaying data indicative of the
15 number of shots taken by a golfer.

11. A portable golf computer as defined in claim 6, wherein said display means includes means for displaying updated betting totals.

12. A portable golf computer as defined in claim 1, wherein said display means includes means for displaying commercial messages.

20 13. A portable golf computer as defined in claim 1, wherein said display means includes means for displaying a video image.

14. A portable golf computer as defined in claim 1, wherein said display means includes means for displaying a projected trajectory of a golf ball.

25 15. A portable golf computer as defined in claim 1, further comprising a removable and writable memory card, coupled to said

processor means, wherein said portable golf computer writes data to said memory card during or after a game of golf.

16. A portable golf computer as defined in claim 15, wherein said removable memory card stores scoring and betting data.

5 17. A portable golf computer as defined in claim 15, wherein said removable memory card stores scoring data from a plurality of individual games.

18. A portable golf computer comprising:

display means for displaying scenes representative of

10 the geographic layout of a golf course;

memory means for storing data representative of a

a plurality^{of} said scenes for each hole on the golf course;

a^{automatically} position sensing means for sensing the location of the

15 portable golf computer on said golf course; and

processor means, responsive to said position sensing

means, for causing said display means to display

a particular scene.

SUBA2 19. A portable golf computer as defined in claim 18, wherein said position sensing means receives a signal from at least one earth orbiting satellite.

20 20. A portable golf computer as defined in claim 18, wherein said position sensing means receives a signal from at least one transmitter positioned on the golf course.

25 21. A portable golf computer as defined in claim 18, wherein said position sensing means receives a signal from at least one

transmitter embedded in the earth.

22. A portable golf computer as defined in claim 18, wherein said position sensing means comprises:

means for determining the location of the portable golf
computer on the golf course; and
means for determining the location of a golfer relative
to the location of said computer.

23. A portable golf computer as defined in claim 18, wherein said memory means includes data indicative of a golfer's skill for using
at least one of a multiplicity of golf clubs.

24. A portable golf computer as defined in claim 23, wherein said processor means includes means to recommend the use of one of said golf clubs in response to (a) said data indicative of a golfer's skill and (b) said position sensing means.

25. A portable golf computer comprising:

memory means for storing stroke, betting, and course
data;
input means for inputting said stroke and betting data;
processor means for computing, based on said stroke,
betting and course data, score(s) and betting
total(s); and
display means for displaying said score(s) and betting
total(s).

26. A portable golf computer as defined in claim 25, wherein said input means comprises a keyboard or keypad.

27. A portable golf computer as defined in claim 25, wherein said

input means comprises a cursor pointing device.

28. A portable golf computer as defined in claim 25, wherein said memory means also stores individual player handicap data.

29. A portable golf computer as defined in claim 28, wherein said processor means uses said handicap data in computing said score(s) and betting total(s), and further comprises means to update said handicap data.

30. A portable golf computer as defined in claim 25 wherein said memory means is removable.

31. A portable golf computer as defined in claim 30 wherein said memory means is readable by a central computer suitable for tracking the performance of multiple golfers.

32. A portable golf computer as defined in claim 25 wherein an element contained within said memory means is transferable to at least one remote site by infrared radiation.

33. A portable golf computer as defined in claim 25 wherein an element contained within said memory means is transferable to at least one remote site by a wireless data link.

34. A portable golf computer as defined in claim 25 wherein an element contained within said memory means is transferable to at least one remote site by luminescent radiation.

35. A portable golf computer as defined in claim 25 wherein an element contained within said memory means is transferable to at least one remote site by an energy pathway.

36. A golf replay apparatus comprising:

a portable golf computer means for recording information while

a player plays a game of golf; and
a replay means, responsive to said recorded information, for
interactively reenacting said game of golf on an
electronic display.

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